

~~D-1445-1702142-00~~

9492339

ID: 88042797

TD  
195  
.P4  
P43  
1983  
MAPS



DEPARTMENT OF THE INTERIOR / MINERALS MANAGEMENT SERVICE

DRAFT

# ENVIRONMENTAL IMPACT STATEMENT

**GRAPHICS**  
(Maps)

~~Environmental  
Protection Agency  
Region 9~~

~~APR 1983~~

~~LIBRARY~~

PROPOSED 1983  
OUTER CONTINENTAL SHELF OIL  
AND GAS LEASE SALE OFFSHORE  
CENTRAL CALIFORNIA

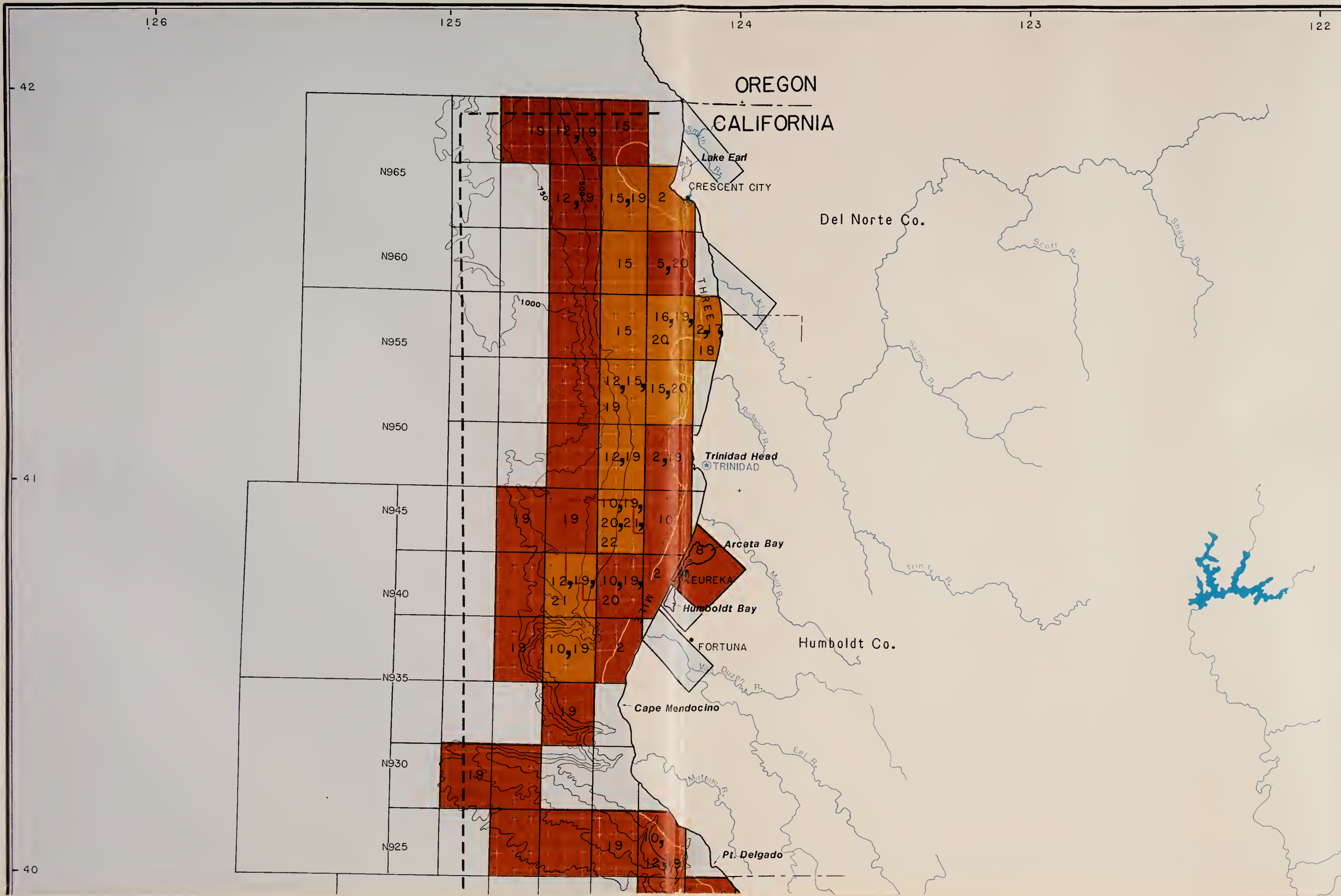
OCS SALE NO. 73

Prepared by the Minerals Management Service  
Pacific OCS Region  
1340 West Sixth Street, Los Angeles, California 90017

(4 pieces)

TD  
195  
.P4  
P43  
1983  
Maps

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
PACIFIC OUTER CONTINENTAL SHELF REGION

ENVIRONMENTAL IMPACT STATEMENT  
PROPOSED LEASE SALE NO. 73  
OFFSHORE CENTRAL AND NORTHERN CALIFORNIA

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Environmental  
Protection Agency  
Region 9




APR 4 1983

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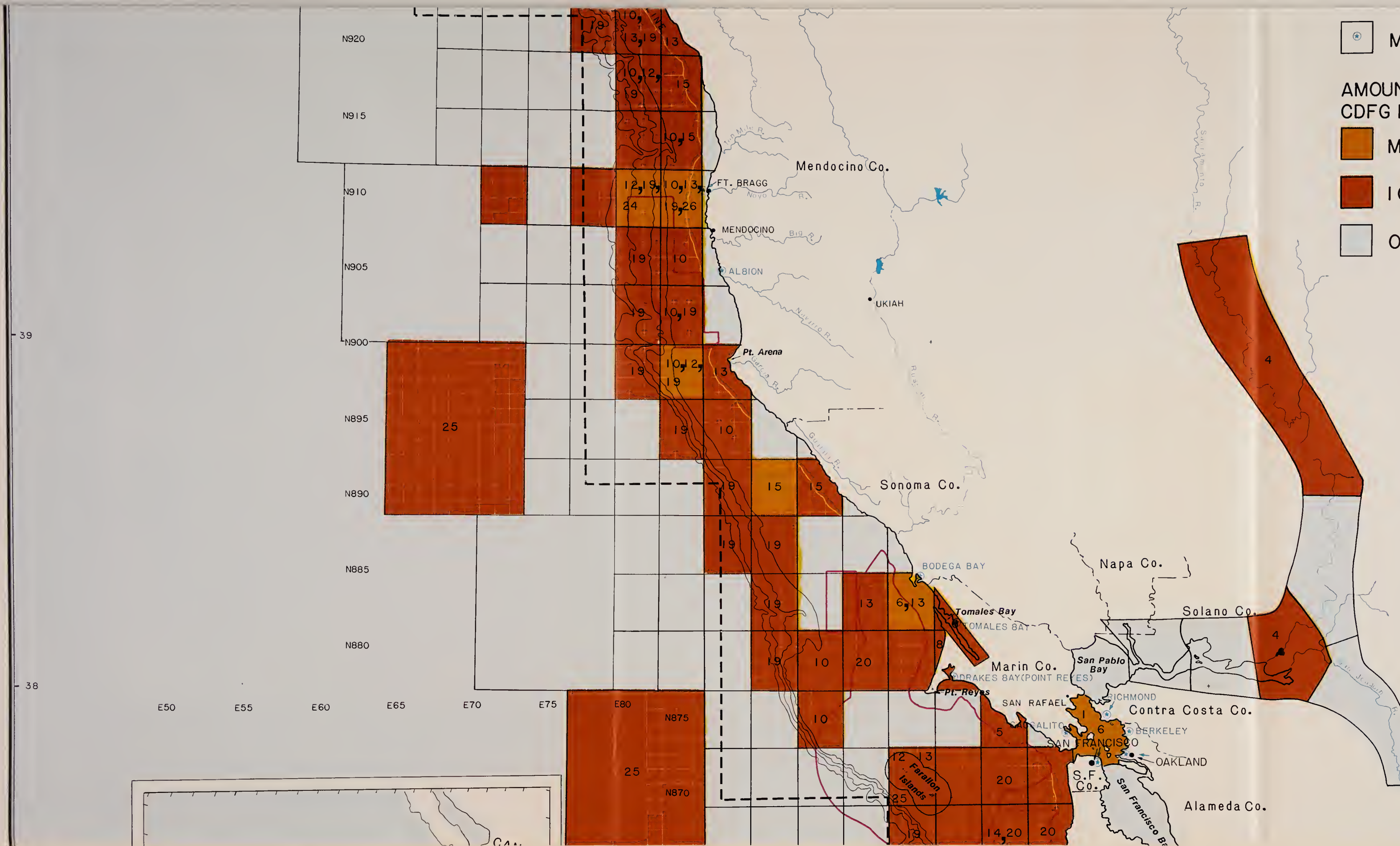
COMMERCIAL FISHERIES

GRAPHIC NO.4

LEGEND

-  SALE NO. 73 CALL AREA BOUNDARY
-  DEFERRED TRACT
-  MAJOR ANADROMOUS FISH STREAM





MAJOR FISHING PORT

AMOUNT (POUNDS) OF FISH CAUGHT IN EACH CDFG FISH BLOCK

MORE THAN 1,000,000 LBS.

100,000 TO 999,999 LBS.

0 TO 99,999 LBS.

PRINCIPAL SPECIES (GREATER THAN 100,000 LBS.) CAUGHT IN EACH FISH BLOCK ARE INDICATED BY NUMBERS.

1.	ANCHOVY, NORTHERN
2.	CRAB, DUNGENESS
3.	CRAB, ROCK
4.	CRAYFISH
5.	FLOUNDER, STARRY
6.	HERRING, PACIFIC
7.	MACKEREL, JACK
8.	OYSTER, GIANT PACIFIC
9.	ROCKFISH, BOCACCIO
10.	ROCKFISH, UNSPECIFIED
11.	ROCKFISH, YELLOWTAIL
12.	SABLEFISH
13.	SALMON, CHINOOK
14.	SANDDAB
15.	SHRIMP, PACIFIC OCEAN
16.	SHRIMP, UNSPECIFIED
17.	SMELT, TRUE
18.	SMELT, WHITEBAIT
19.	SOLE, DOVER
20.	SOLE, ENGLISH
21.	SOLE, PETRALE
22.	SOLE, REX
23.	SQUID, MARKET
24.	THORNYHEAD
25.	TUNA, ALBACORE
26.	URCHIN, SEA

SOURCES: 1) THE MOST RECENT (1977) COMMERCIAL CATCH BY ORIGIN DATA AVAILABLE FROM THE CALIFORNIA DEPT







35

250 M. BATHYMETRIC CONTOUR INTERVALS

BASE COMPILED FROM THE BUREAU OF LAND MANAGEMENT, PACIFIC OCS OFFICIAL PROTRACTION DIAGRAMS ORIGINATING AT THE INTERNATIONAL BORDER OF MEXICO TO THE OREGON BORDER.

THIS MAP HAS BEEN CAREFULLY PREPARED FROM THE BEST EXISTING DATA SOURCES AVAILABLE AT THE TIME OF PREPARATION, BUT THE BUREAU OF LAND MANAGEMENT, U.S.D.I. DOES NOT GUARANTEE THE ACCURACY TO THE RESPONSIBILITY OR LIABILITY FOR RELIANCE THEREON. THIS IS A SPECIAL PURPOSE MAP AND IS NOT TO BE USED FOR NAVIGATION

126

125

124

123

122

121

120

N810

E85

E90

E95

E100

E105

E110

E115

E120

N805

N800

N795

E125

E130

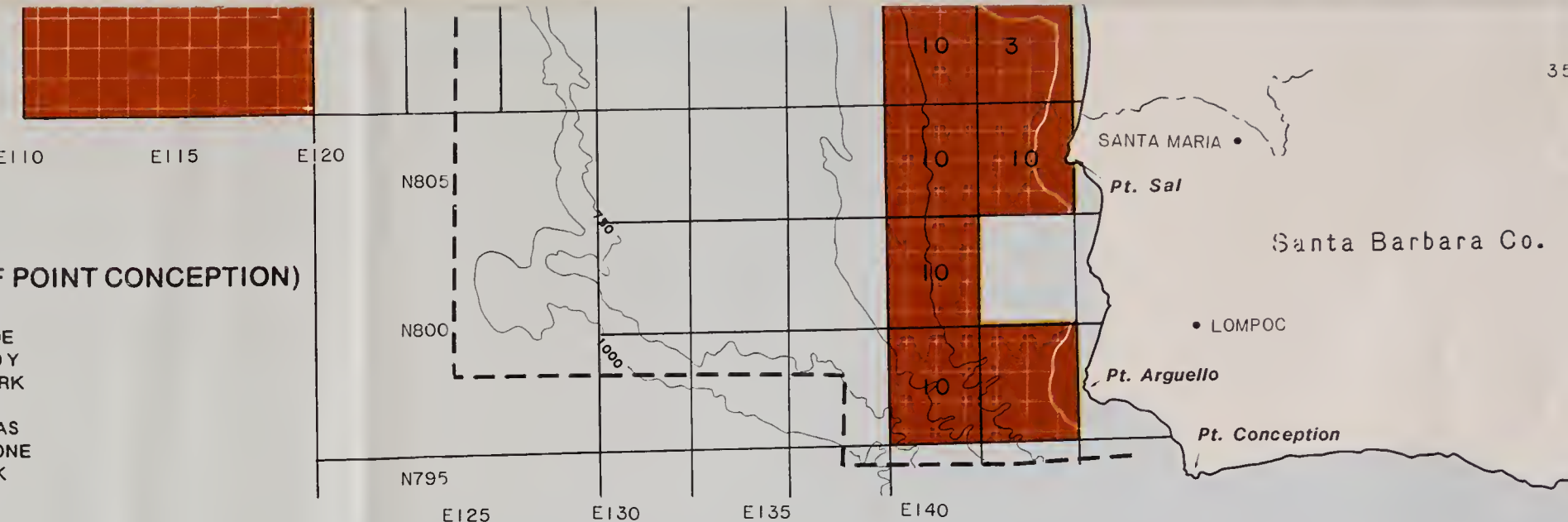
E135

E140

### UNIVERSAL TRANSVERSE MERCATOR (UTM) SYSTEM(NORTH OF POINT CONCEPTION)

THE BOUNDARIES OF THE REGULAR UTM BLOCKS ARE 4,800 INTERNATIONAL METERS ON A SIDE AND CONTAIN 2,304 HECTARES. THE REGULAR BOUNDARIES ARE DEFINED IN TERMS OF X AND Y COORDINATES OF THE UNIVERSAL TRANSVERSE MERCATOR GRID SYSTEM BASED ON THE CLARK SPHEROID OF 1866.

THE BLOCKS ARE NUMBERED STARTING WITH THE FIRST TIER NORTHERLY OF THE EQUATOR AS "N 1". THE FIRST RANGE OF BLOCKS WESTERLY OF THE CENTRAL MERIDIAN OF EACH UTM ZONE IS DESIGNATED "E100". THUS, A BLOCK NUMBERED "N200-E 96", WOULD BE THE 200TH BLOCK NORTHERLY OF THE EQUATOR AND THE FIFTH BLOCK OF THE CENTRAL MERIDIAN OF THE RESPECTIVE UTM ZONE.



35

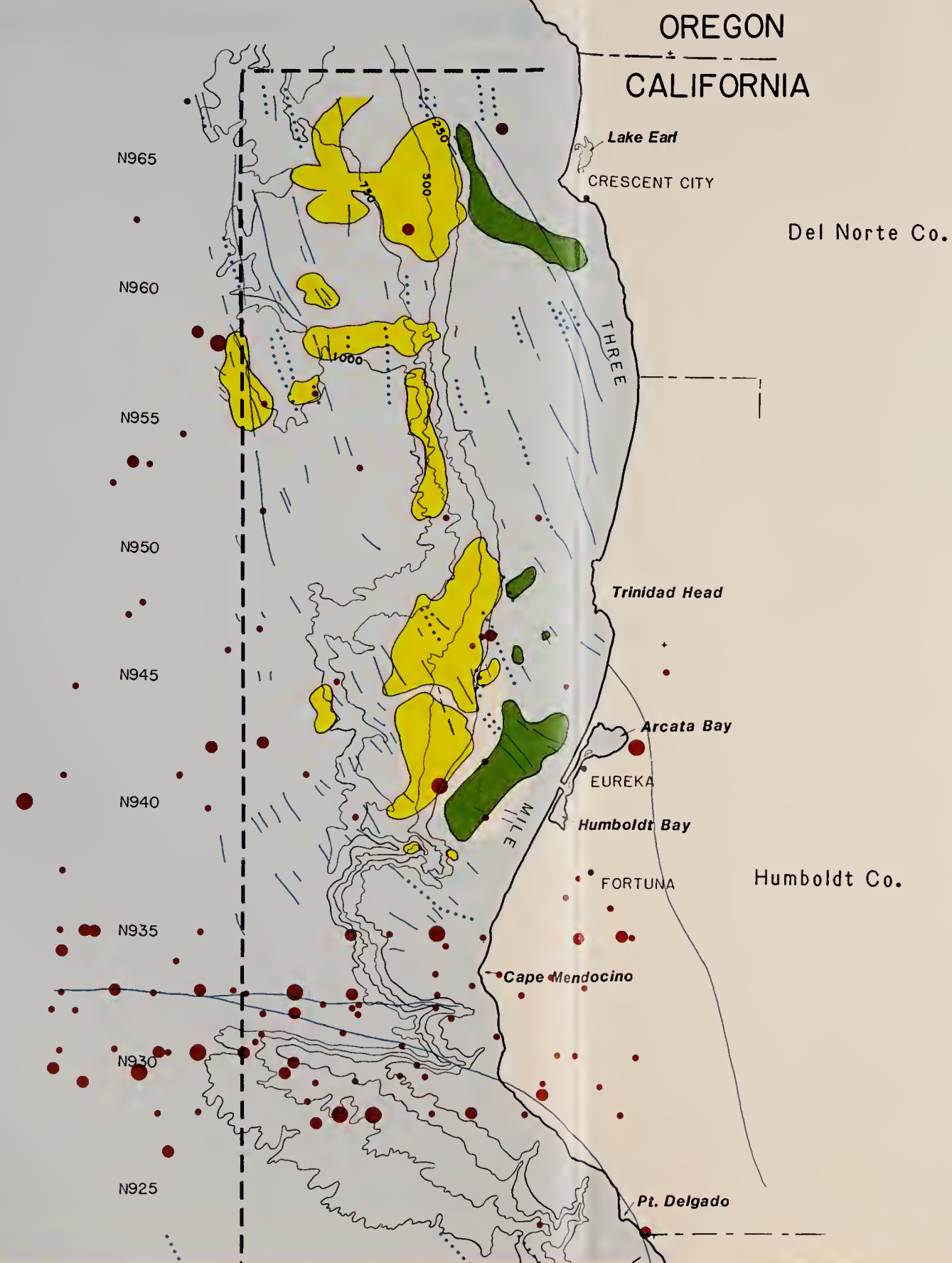


9492339

ID 88072797

TD  
195  
P4  
P43  
1983  
Maps

27106



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
PACIFIC OUTER CONTINENTAL SHELF REGION

## ENVIRONMENTAL IMPACT STATEMENT PROPOSED LEASE SALE NO. 73

OFFSHORE CENTRAL AND NORTHERN CALIFORNIA

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## GEOLOGIC HAZARDS




GRAPHIC NO. 3

~~Environmental~~  
~~Protection Agency~~  
~~Region 9~~

~~APR 7 1983~~

~~LIBRARY~~

## LEGEND

-  SALE NO. 73 CALL AREA BOUNDARY
-  DEFERRED TRACT
-  BURIED CHANNEL





 POTENTIAL SLUMPING

EARTHQUAKE EPICENTERS OF KNOWN INTENSITY  
1969 - 82

RICHTER SCALE RECORDINGS:


- 4.0 - 4.9
- 5.0 - 5.9
- OVER 6.0


FAULTS IN NEOGENE ROCKS

 SURFACE EXPRESSION

 INFERRED OR BURIED

 FAULT ZONE

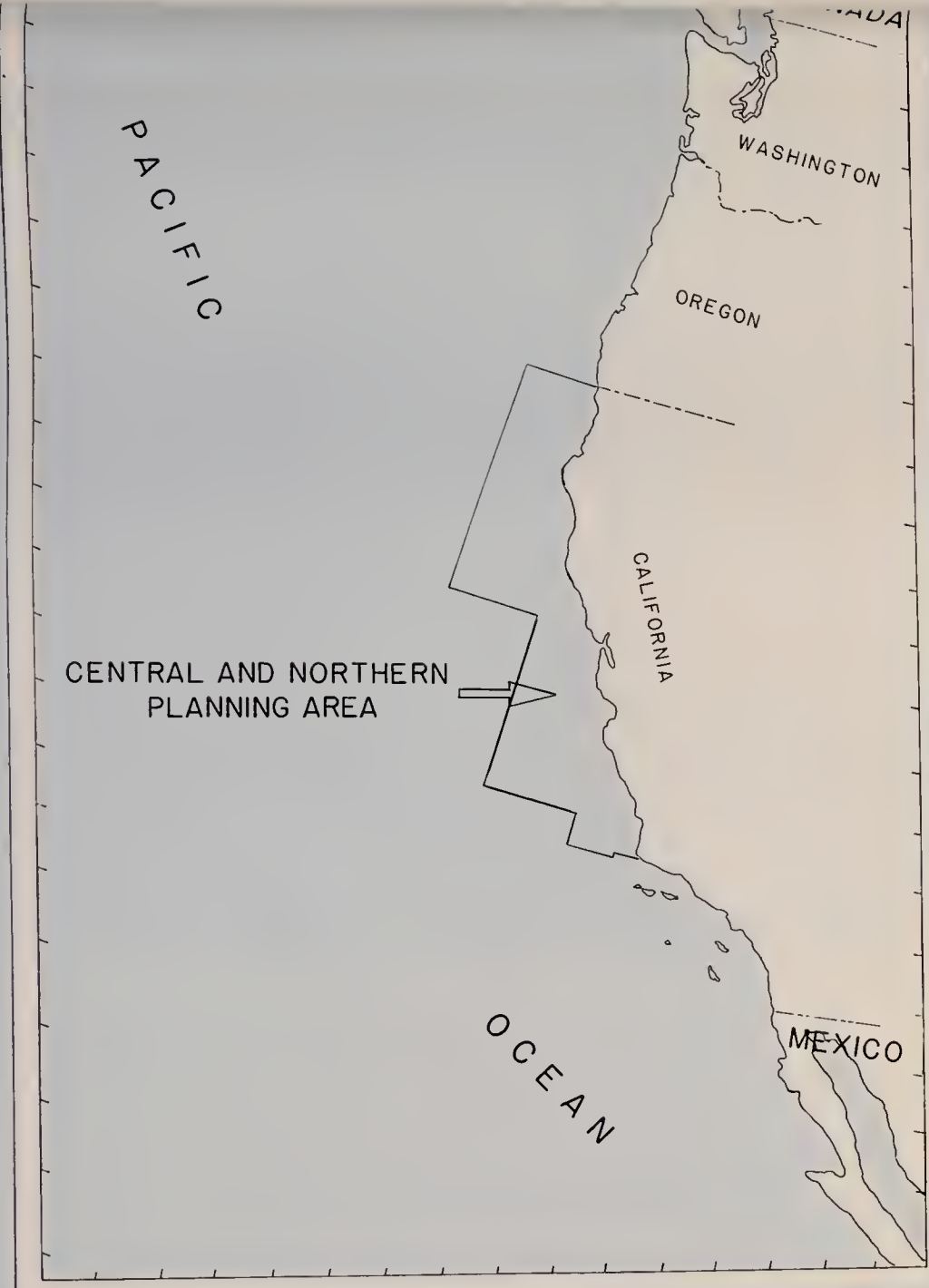
 DEEP GAS ACCUMULATIONS

 SHALLOW GAS ACCUMULATIONS

REAL, C.R., TOPPOZADA, AND AND PARKE, D.C., 1978, EARTHQUAKE EPICENTER OF CALIFORNIA 1900 THROUGH 1974 MAP SHEET 39. CALIFORNIA DIVISION OF MINES AND GEOLOGY

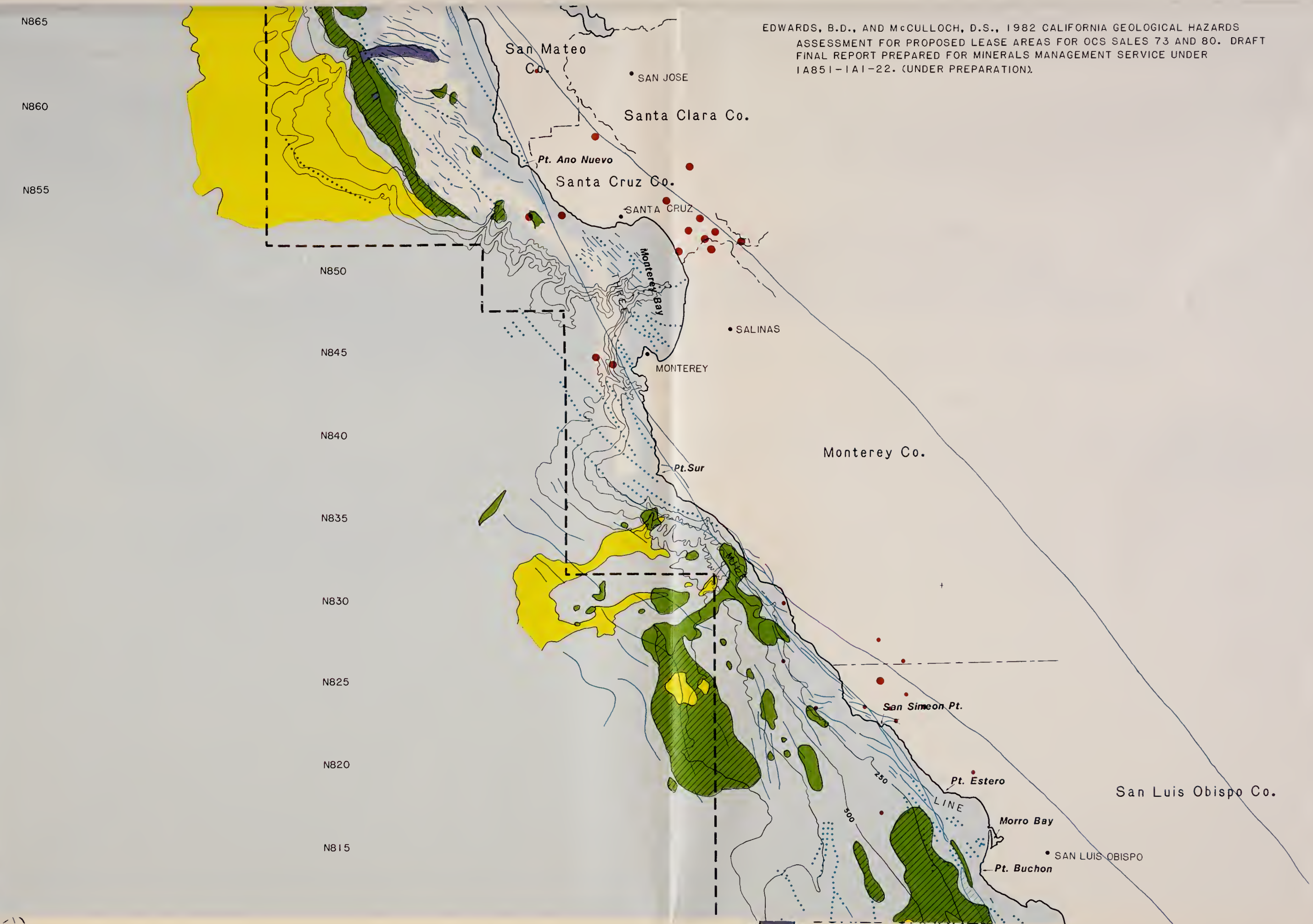
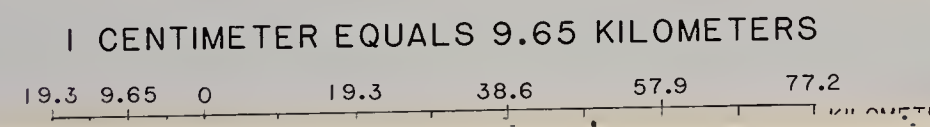
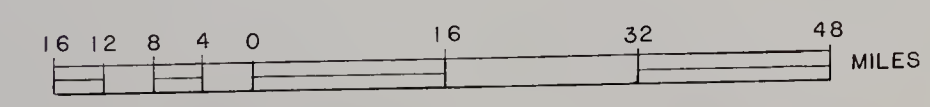
McCULLOCH, D.S., GREEN, H.G., HESTON, K.S., AND RUBIN, D.M., 1980, A SUMMARY OF THE GEOLOGY AND GEOLOGIC HAZARDS IN PROPOSED SALE 53, CENTRAL CALIFORNIA OUTER CONTINENTAL SHELF: U.S.G.S. OPEN-FILE REPORT 80-1095., 13 PLATES



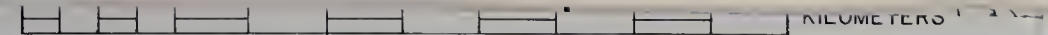


SCALE 1:1,013,760

1 INCH EQUALS 16 MILES







N810

35

250 M. BATHYMETRIC CONTOUR INTERVALS

BASE COMPILED FROM THE BUREAU OF LAND MANAGEMENT, PACIFIC OCS OFFICIAL PROTRACTION DIAGRAMS ORIGINATING AT THE INTERNATIONAL BORDER OF MEXICO TO THE OREGON BORDER.

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E85 E90 E95 E100 E105 E110 E115 E120

### UNIVERSAL TRANSVERSE MERCATOR (UTM) SYSTEM(NORTH OF POINT CONCEPTION)

THE BOUNDARIES OF THE REGULAR UTM BLOCKS ARE 4,800 INTERNATIONAL METERS ON A SIDE AND CONTAIN 2,304 HECTARES. THE REGULAR BOUNDARIES ARE DEFINED IN TERMS OF X AND Y COORDINATES OF THE UNIVERSAL TRANSVERSE MERCATOR GRID SYSTEM BASED ON THE CLARK SPHEROID OF 1866. THE BLOCKS ARE NUMBERED STARTING WITH THE FIRST TIER NORTHERLY OF THE EQUATOR AS "N 1". THE FIRST RANGE OF BLOCKS WESTERLY OF THE CENTRAL MERIDIAN OF EACH UTM ZONE IS DESIGNATED "E100". THUS, A BLOCK NUMBERED "N200-E 96", WOULD BE THE 200TH BLOCK NORTHERLY OF THE EQUATOR AND THE FIFTH BLOCK OF THE CENTRAL MERIDIAN OF THE RESPECTIVE UTM ZONE.

126

125

124

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122

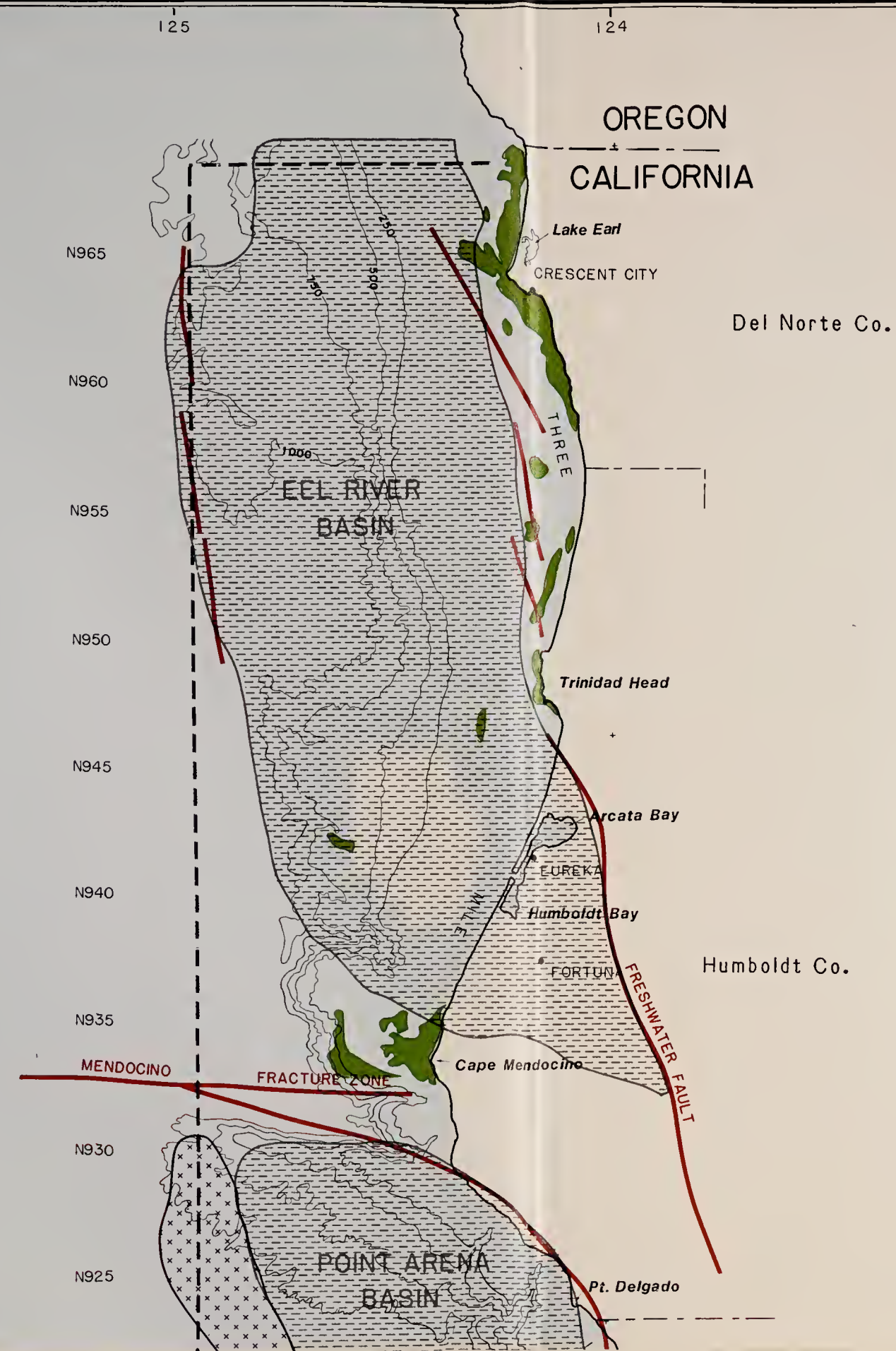
121

120



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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
PACIFIC OUTER CONTINENTAL SHELF REGION  
ENVIRONMENTAL IMPACT STATEMENT  
PROPOSED LEASE SALE NO. 73  
OFFSHORE CENTRAL AND NORTHERN CALIFORNIA

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GEOLOGIC STRUCTURES




GRAPHIC NO. 2

Environmental  
Protection Agency  
Region 9

APR 4 1983

LIBRARY

LEGEND

-  SALE NO. 73 CALL AREA BOUNDARY
-  DEFERRED TRACT
-  BASINS





BEDROCK HIGHS



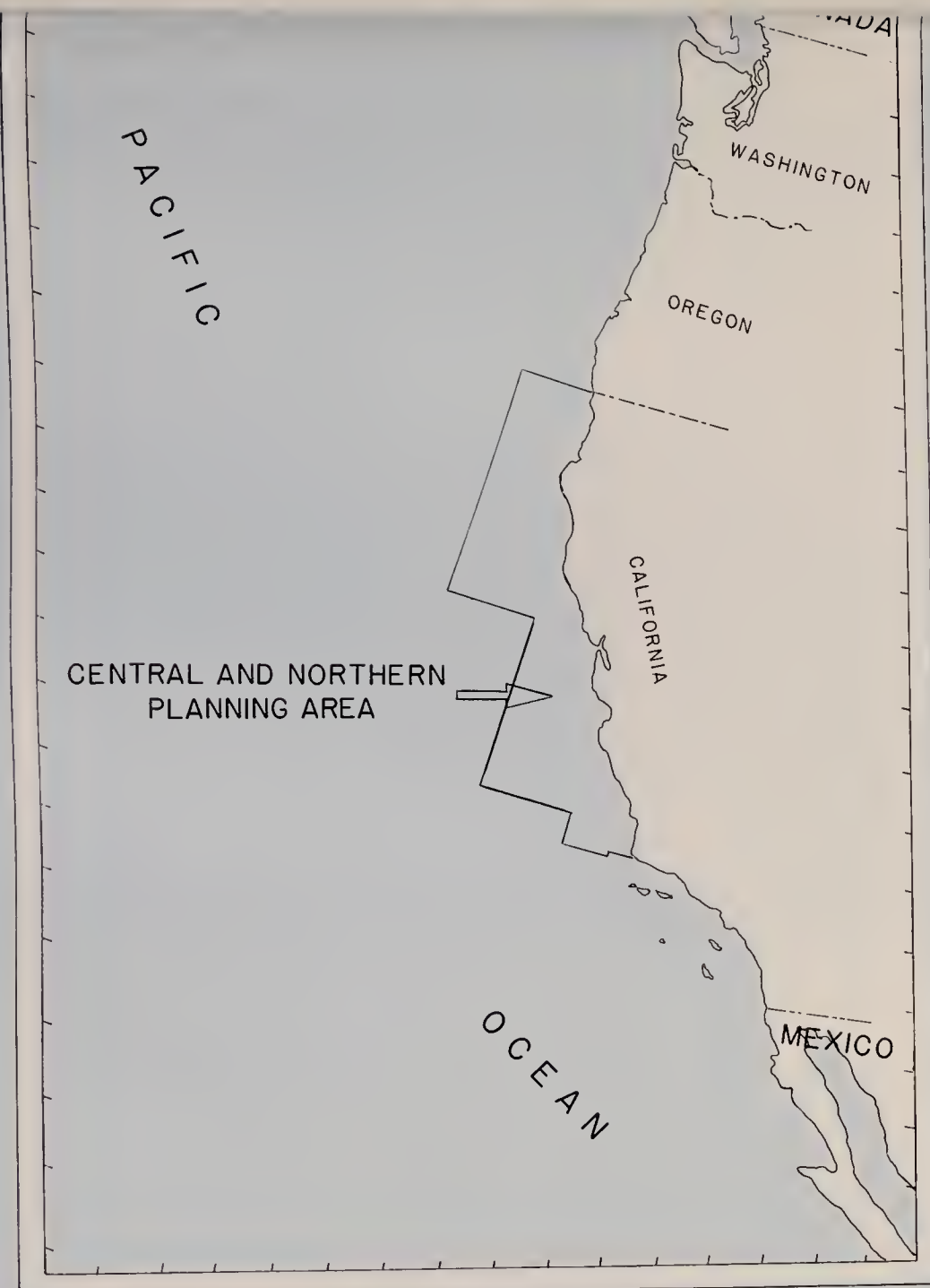
PRINCIPAL ROCKY OUTCROPS



FAULT ZONES

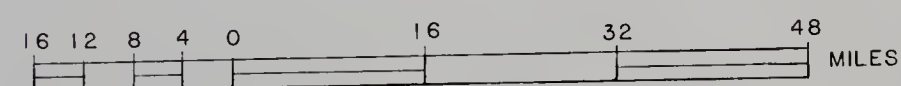
SOURCE: RICHMOND, W. C., AND BURDICK, D. J., 1981, GEOLOGIC HAZARDS AND CONSTRAINTS OF OFFSHORE NORTHERN AND CENTRAL CALIFORNIA: OFFSHORE TECHNOLOGY CONFERENCE, PROCEEDINGS PAPER OTC 4117, P. 9-12 FIGURE 1.



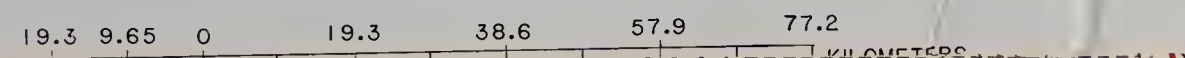


SCALE 1:1,013,760

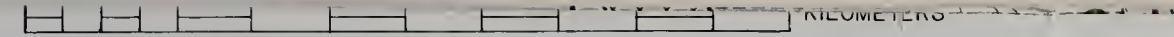
1 INCH EQUALS 16 MILES



1 CENTIMETER EQUALS 9.65 KILOMETERS







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126

125

124

123

122

121

120

N810

E85

E90

E95

E100

E105

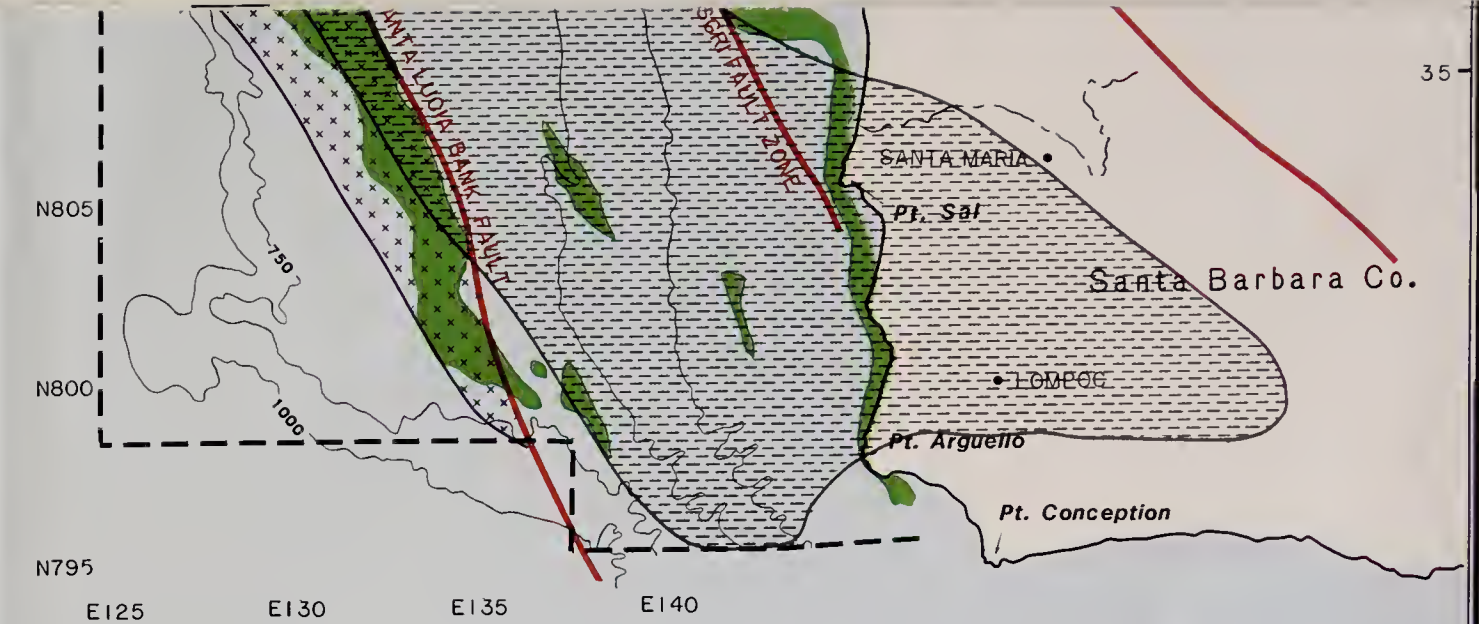
E110

E115

E120

### UNIVERSAL TRANSVERSE MERCATOR (UTM) SYSTEM (NORTH OF POINT CONCEPTION)

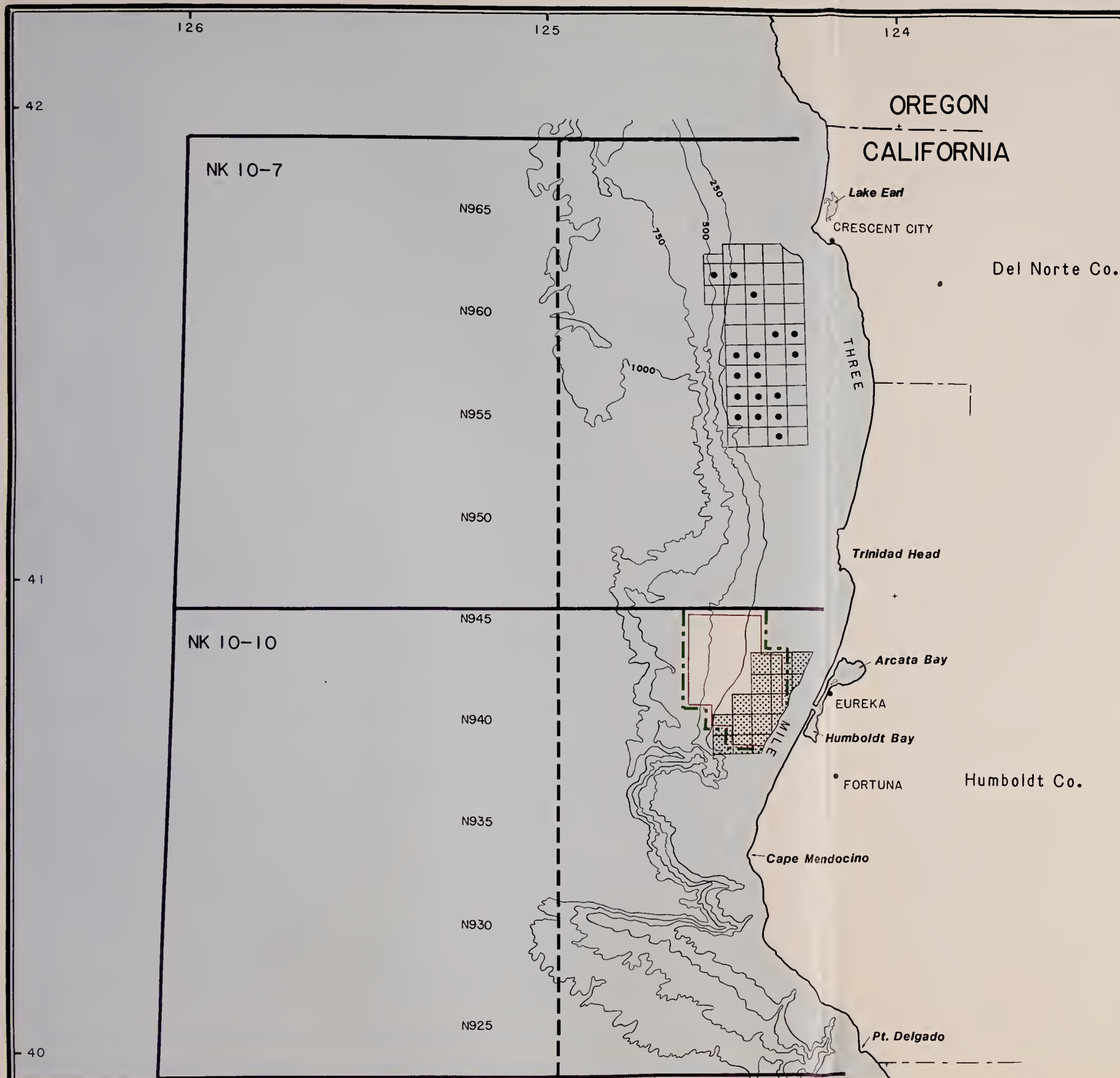
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35



27106



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE  
PACIFIC OUTER CONTINENTAL SHELF REGION

ENVIRONMENTAL IMPACT STATEMENT  
PROPOSED LEASE SALE NO. 73  
OFFSHORE CENTRAL AND NORTHERN CALIFORNIA

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LEASE HISTORY




GRAPHIC NO. 1

~~Environmental~~  
~~Protection Agency~~  
~~Region 9~~

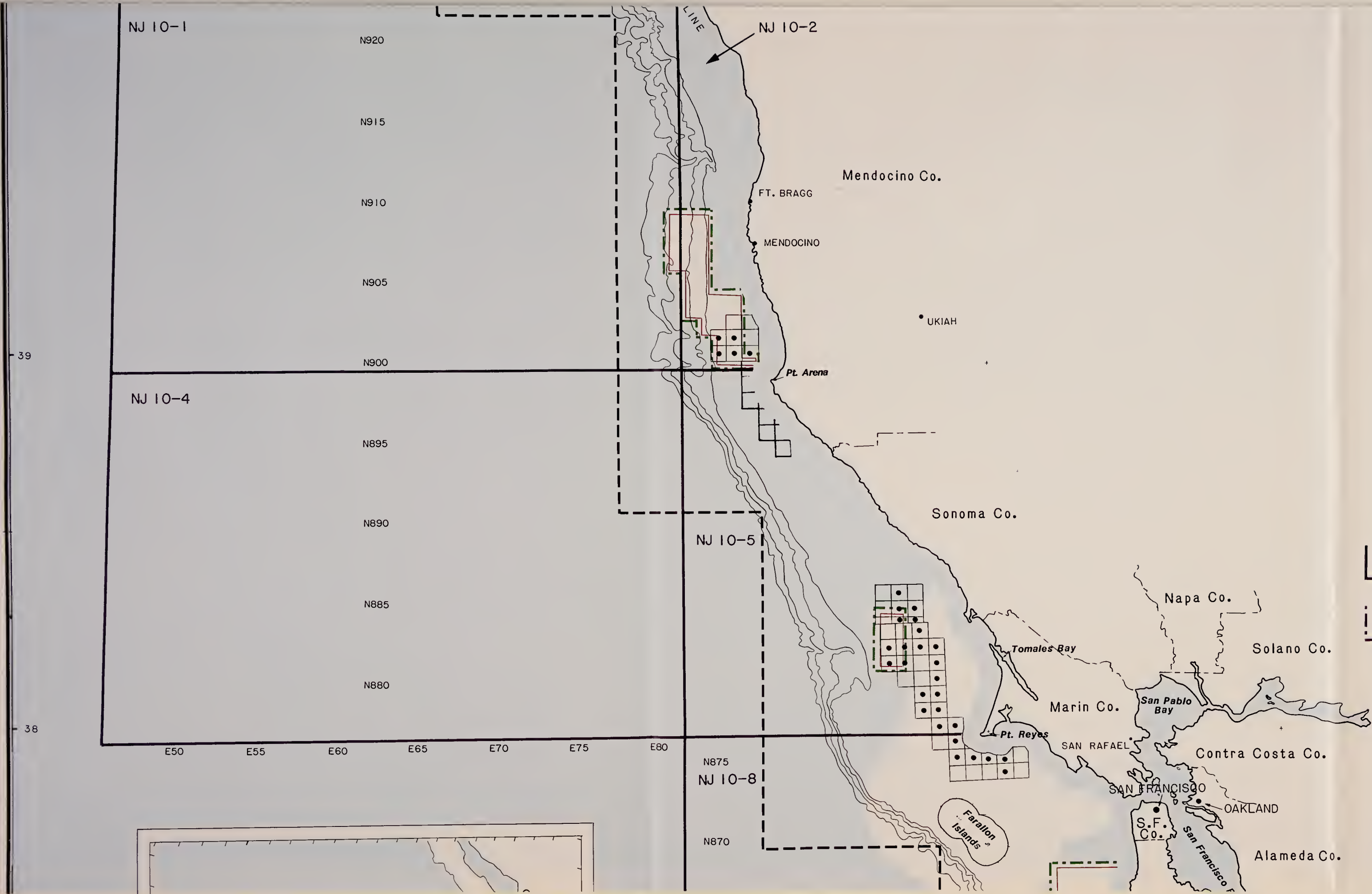
~~APR 1983~~










~~LIBRARY~~

LEGEND

-  SALE NO. 73 CALL AREA BOUNDARY
-  SALE NO. 73 CALL AREA DEFERRED TRACTS
-  SALE NO. 53 PROPOSED SALE AREA \*

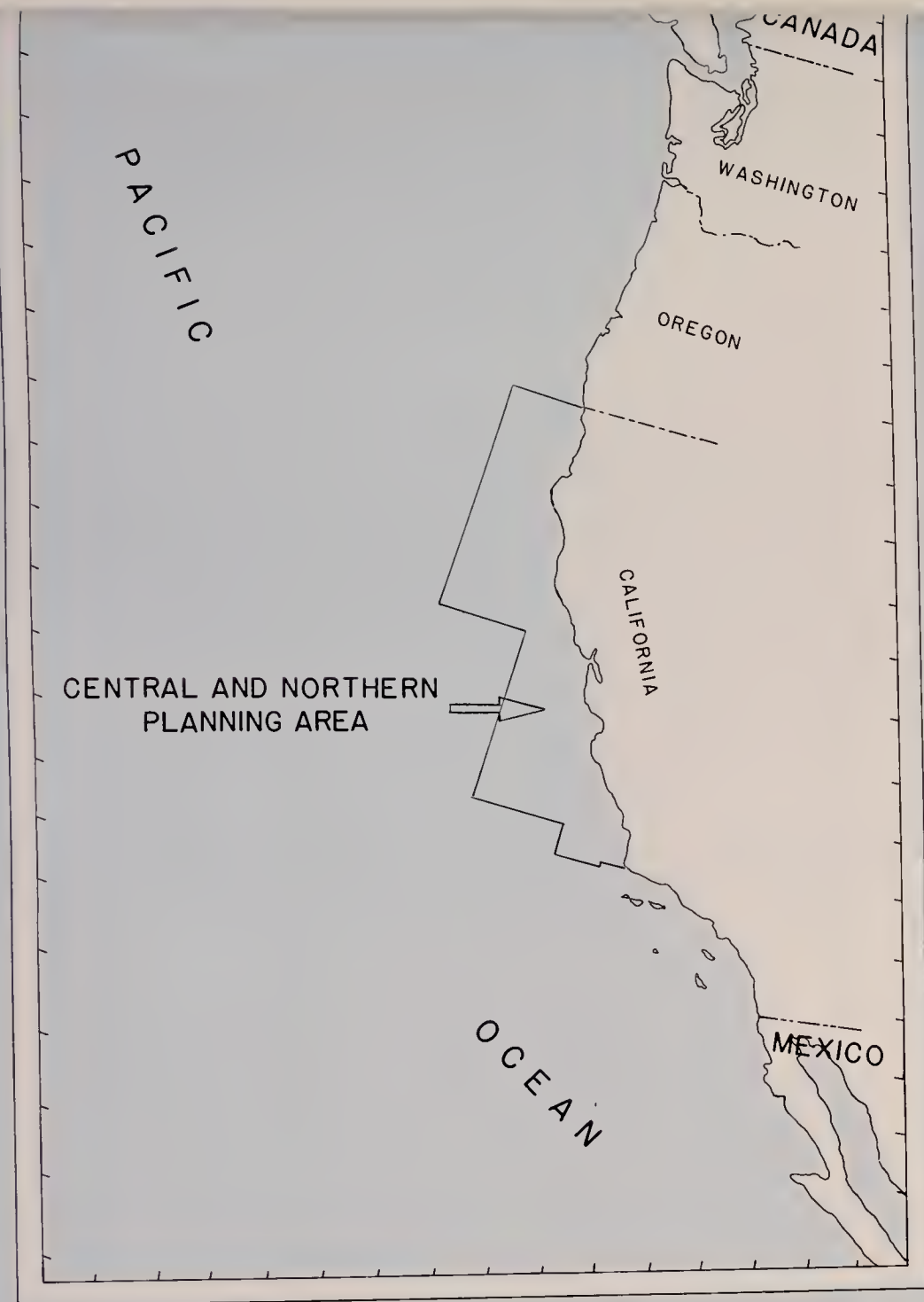




-  SALE NO. 53 LEASED TRACTS
-  SALE NO. 53 DEFERRED TRACTS
-  SALE NO. 53 LITIGATED TRACTS (BIDS RECEIVED)
-  SALE NO. 53 LITIGATED TRACT (NO BIDS RECEIVED)
-  PROPOSED RS2 SALE AREA
-  RS2 SALE - LEASED TRACTS
-  1963 SALE - PROPOSED SALE AREA \*\*
-  1963 SALE - LEASED TRACTS
-  1963 SALE - DELETED AREAS
- 128 SALE NO. 73 TRACT NUMBER ★

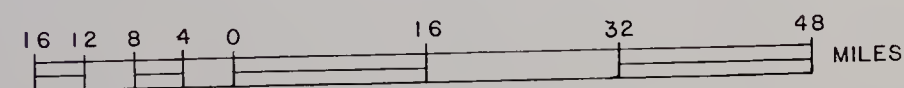
NJ 10-8 PROTRACTION DIAGRAM BOUNDARY AND NUMBER

PROPOSED SALE NO. 73 SALE AREA

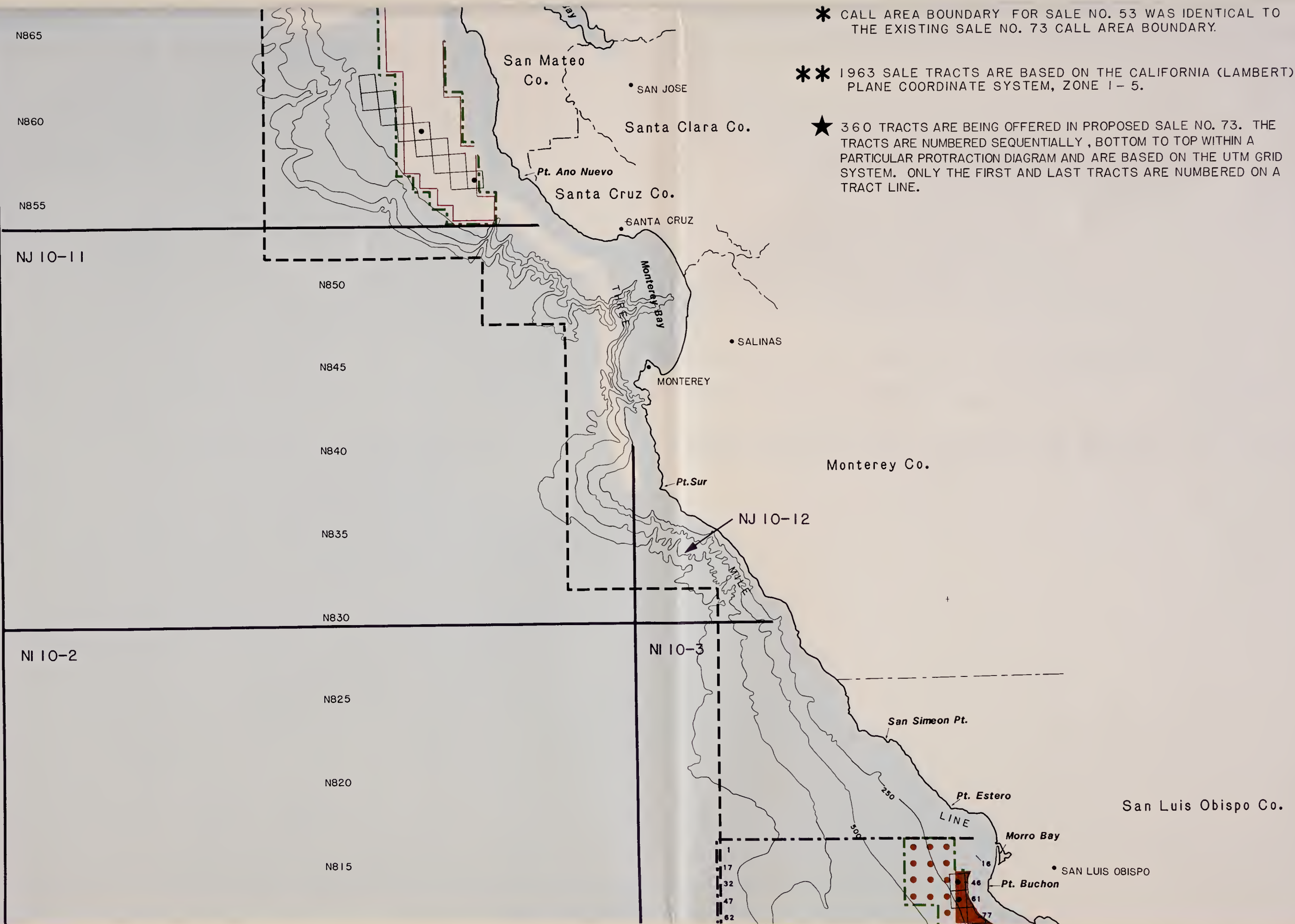


SCALE 1:1,013,760

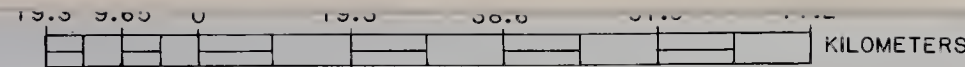
1 INCH EQUALS 16 MILES



1 CENTIMETER EQUALS 9.65 KILOMETERS







KILOMETERS

250 M. BATHYMETRIC CONTOUR INTERVALS

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